

Datasheet for ABIN7607412

EPH Receptor A3 Protein (EPHA3) (AA 1-541) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	EPH Receptor A3 (EPHA3)
Protein Characteristics:	AA 1-541
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This EPH Receptor A3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), ELISA, Immunogen (Imm), Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human EPHA3 Protein, C-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. When recombinant human EphA3 (Cat #: AHD82501) is coated at 2 µg/mL (100 µL/well), the concentration of biotinylated rhEphrin A5 that produces 50% of the optimal binding response is found to be approximately 5-25 ng/mL.

Target Details

Target:	EPH Receptor A3 (EPHA3)
---------	-------------------------

Target Details

Alternative Name:	HEK (EPHA3 Products)
Background:	HEK, Eph-like tyrosine kinase 1, EK4, EPHA3, Tyrosine-protein kinase receptor ETK1, Tyrosine-protein kinase TYRO4, Ephrin type-A receptor 3, hEK4, ETK, TYRO4, ETK1, Human embryo kinase, EPH-like kinase 4
UniProt:	P29320
Pathways:	RTK Signaling , Regulation of Cell Size

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months